IRST & FINAL

Orginal/Duplicate/Triplicate

AEE/DSD/SBR/ /17-18 dt

CONTRACT CERTIFICATE

(For other works)

o..... Date:.....

ivision: Sub-Division:

ill Received No.....Dated.....Cash Book Vocher No.....Dated.....

cheduled Docket No..... Head of Account.....

ame of work (as Per Sanctioned Estimate.):-***Reserve Fund for Emergency works in Dasarahalli ward no. 15 Dasarahalli sub division (providing pot Hole Filling of CC roads and De-silting of Kempegowda Nagara th cross & cross & other cross roads in T. Dasarahalli in ward no. 15***

ame of Contractor and Full Address: : **-Sri. Eregowda S. M, No. 288, 5th Cross, 6th 'A' Mainroad, bhuvaneshwaringara, T. Dasarahalli, angalore- 560057**

eference to Agreement No: ***EE/DD/WO/003/17-18***

ertified that the measurements were taken by me on .....18/9/2017.....and recorded in pages.....33667/2 to 33673/1

easurements Book No.....337/08-09..... and that the work is satisfaction executed

Contractor Signature.

Officer-in-charge of work.

ertified that the measurements were taken by me on .....18/9/17.....and found correct. The work is satisfactorily executed

ertified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not eviously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the fice.

Memorandum of Payment **Work Code No. *015-17-000018*** Sub – Division Officer

		Amount
1	Total Value of work done or supplies made as per account.	2nd and Final Bill → 1499890=00
2	Deduct amount to be held in reserve being ..... Percent Rs.	
3	Deduct amount to be held in reserve being balance	IT → 14999=00
4	Deduct payments: a) Amount of previous payment as in the office Cash Book Vocher No..... Dated..... S.D. No.....	LWC → 14999=00 (-) LR → 18749=00 } 50247=00 CBF → 1500=00
	Amount adjusted towards cash advance recovery of	
5	b) Payments cost store or other materials supplied.	
6	Balance being unpaid value of work done held in reserve Deduct cash advance made on the office cash book vehicle No..... Dated..... Less adjustments	Total.....
7	Net amount due to or from contractor	Net → 1449643=00
	Unadjusted items	
8	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied. Government materials supplied.	

P-1441

Audited and admitted for Rs. 1499890=00

Passed by Cheque for Rs. 1449643=00

By adjustment Rs. 50247=00

Contractor Signature.

ceived Rs.....(in wards).....

cash and by adjustment of payment as per memorandam.

tnesses:

(for use in the office)

te:.....

d by me by cheque.....Dated.....

sh Rs..... Dated.....

tials of Officer making payment dated.....

Signature of Contractor.

Executive Engineer.

Sl. No.	Description of Items
1	Earthwork excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed eath to be levelled neatly after breaking of clods complete as per specification with all leads and lifts including conveying the excavated earth silt, debris and over burden earth etc., to lead of 0 to 9 kms distance by using private vehicle this includes the cost of leading and unloading charges etc., complete as per the direction of engineer in charge of the work
2	Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180 kgs, with 40mm and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregates @ 0.57cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, including cost of all mateials, labour HOM of machinery curing complete as per the direction of engineer in charge of the wrok
3	Design mix M 20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69cu and fine aggregates @ 0.46cum, with superplastisiser @ 3 lts confirming to IS9103-199 Reaffirmed-2008 i) Upto 5 m height. Complete as per the direction of Engineer in charge of the work
4	Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and technical specifications complete as per the direction of Engineer in charge of the work
5	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, butresses, plinth cills and string courses cost of all mateirals, labour complete as per specifications. complete as per the directio of engineer in charge of the work
6	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the diposed earth to be levelled neatly after breaking of clods complete as per specificaiton with all leads and lifts etc., complete as per direction of engineer in charge of the work (PWD) SR 2016-17 Page No. 142, Item No. 19.1) including conveying the excavated earth wilt, debris and over burden earth etc., to lead of 0 to 5 kms distance by using private vehicle this includes the cost of loading and unloading charges etc., complete as per the direction of engineer in charge of the work
7	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of of all labour HOM of machinery complee as per specification complete as per the direction of engineer in charge of the work
8	Providing, laying, spreading and compacting stone aggregate to wet mix macadam specification including premixing the material with water at OMC inmechanical mix plant carriage of mixed material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surfac and compacting iwth vibratory roller to achieve the desired density. complete as per specifications. complete as per the direction of engineer in charge of the work
9	Construction of dry lean cement concrete mix CC1:5:10 with OPC cement @ 160kgs, with 25mm and down size graded granite metal coarse aggreagate a 0.86cum and fine aggregates @ 0.58cum sub-base ove a prepared sub-grade with (coarse and fine aggregate conforming to IS:383) aggregate cement ratio not be exceed 15:1 aggregate gradiation after blending to be as per table 600.1, cement content not be be less than 160kg/cum optimum moisture content to be determined during trail length construction, concrete strength no tto less than 10Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compactring with 8-10 tonnes vibratory roller. finishing and curing complete as per specifications complete as per the direction of engineer in charge of the work

Unit	Previous Measurement			Present Measurement			Total Up-to-date	
	.y.	Rate	Cost	Qty.	Rate	Cost	Qty.	Cost
Cum				26.60	208.82	5554.61	26.60	5554.61
Cum				4.20	5159.02	21667.88	4.20	21667.88
Cum				14.84	6965.26	103364.46	14.84	103364.46
ton				1.18	74331.44	87711.10	1.18	87711.10
Cum				62.40	310.58	19380.19	62.40	19380.19
cum				274.05	175.96	48221.84	274.05	48221.84
Sqm				609.00	5.30	3227.70	609.00	3227.70
cum				121.80	1768.08	215352.14	121.80	215352.14
Cum				91.35	3986.66	364181.39	91.35	364181.39

10	cement concrete pavement construction of un reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with oPC cement or any other type as per clause 1051.2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregtes with superplastisier @ 3 lts confirming to IS9103 1999 Reafrimec F2008, mixed in aconcrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick ploythene film, wedges, steel plates including levelling the form work as per drawing) spreading the concrete with shovels, rackers compacted using needle, screed and palte vibrator and finished in a continuous operation incluidng provision of contraction, expansion, construciton and longitudinal joints, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing, complete as per specification M 30 (at 360 K per cum coarse aggregate @ 0.69 cuma nd fine aggregate @ 0.43cum) complete a per the direction of Engineer in charge of the work	
11	Vaccum de-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cost of generator, HOM of machinery screed vibratory, power floater, blade and disc etc., with all lead and lift complete as per the direction of engineer in charge of the work	Sqr
12	Providing groove cutting to concrete pavement for width of 5 mm to 10 mm and depth 80mm 100mm incluidng cost of cutting machien, generator & HOM of machinery incuding cost of blade, coolant, etcd., including cleaning of grove & providing sand and hot bitumen fillars, and filler metal etc., including cost of conveyance of all mateials, labour lead and lift charges and all other incidental charges as per drawing and as per specifications. complete as per the direction of engineer in charge of the work	Cu

Certificate

1 This is to certify that the contractor has completed the works satisfactorily.
2 The contractor has cleared the debries from the work sport
3 The contractor has used his own vehicles for the coveying the debries.
4 There are no departmental issues for the above work.

			91.35	6217.96	568010.65	91.35	568010.65
			609.00	95.40	58098.60	609.00	58098.60
			42.00	121.90	~~121.90~~ 5119.80	42.00	~~121.90~~ 5119.80
					1494892.46		1494892.46
							1499890.26

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ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು